

1 WHAT IS CLAIMED IS:

2 1. A lighting fixture for projecting a beam of light and for use for spot
3 lighting in connection with theater stages, cinema and television studios and
4 the like, the fixture comprising:

5 a light source arranged at one end of a housing having a light
6 beam exit aperture at the opposite end thereof, the light source and
7 aperture being arranged generally concentric with a longitudinal or
8 optical axis of the housing;

9 light beam influencing means comprising a beam-shaping blade
10 and a light influencing element selected from the group consisting of a
11 lens, an iris, and a pattern or gobo, for influencing a light beam emitted
12 by the light source and being arranged along the path of the light beam
13 along said longitudinal axis through the housing from the light source
14 to the aperture; and

15 adjustment means for adjusting the position of a light beam
16 influencing means relative to said longitudinal axis, the adjustment
17 means being arranged for rotation around said longitudinal axis and
18 being connected to the respective light beam influencing means such
19 that rotation of the adjustment means around said longitudinal axis
20 adjusts the position of the respective light beam influencing means
21 relative to said longitudinal axis.

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23 2. A lighting fixture according to claim 1, wherein the adjustment
24 means comprise an annular body arranged with the axis thereof substantially
25 coinciding with said longitudinal axis.

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27 3. A lighting fixture according to claim 2, wherein the annular body
28 comprises an outer rim configured for being engaged for applying a rotational
29 force thereto, the surface of said outer rim being provided with friction

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1 enhancing means.

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3 4. A lighting fixture according to claim 3, further comprising an
4 electrical motor connected to a drive wheel engaging said outer rim of the
5 annular body for applying the rotational force thereto.

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7 5. A lighting fixture according to claim 4, wherein the drive wheel is a
8 gear having teeth, and wherein the outer rim engaged by the gear is provided
9 with teeth for meshing with the teeth of said gear when said gear rotates.

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11 6. A lighting fixture according to claim 2, wherein the annular body is
12 provided with a position indicating means for indicating the angular position
13 of the annular body relative to said longitudinal axis.

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15 7. A lighting fixture according to claim 6, wherein the position
16 indicating means comprises an element that may be remotely sensed, and
17 wherein the fixture further comprises remote sensing means for sensing the
18 angular position of said element relative to said longitudinal axis.

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20 8. A lighting fixture according to claim 1, wherein the adjustment
21 means for the beam-shaping blade comprises radial adjustment means for
22 adjusting the position of the blade radially relative to said axis, and
23 circumferential adjustment means for adjusting the position of said blade
24 circumferentially around said axis.

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26 9. A lighting fixture according to claim 8, wherein the adjustment
27 means for the beam-shaping blade comprises two adjacent co-concentric rings
28 each connected to one point of the blade such that relative rotation of the two
29 rings alters the radial position of the blade.

1 10. A lighting fixture according to claim 9, wherein the blade
2 comprises a body extending generally transversely to said axis and two arms
3 extending generally parallel to said axis, the arms each being provided with
4 sliding connecting means for connecting the respective arm to each of the
5 rings by being slidably received in a guiding track in each of said rings.

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